

250/183 (EP 398914), which is directed against nonspecific crossreacting antigen NCA 95 and carcinoembryonic antigen (CEA). (III) and (IV), including their conjugates, may be used for diagnosis and/or therapy of **inflammations** and tumours that metastasise to **bone marrow**, especially lymphomas and mammary, prostatic and small-cell lung carcinomas.

Member(0008)

ABEQ EP 585570 B1 UPAB 20050701

An antibody light chain (I) and an antibody heavy chain (II), with defined sequences of 107 and 119 amino acids respectively, are new.

Also claimed are (1) molecular constructs (III) comprising the sequence of (I) and/or (II) linked to other amino acid chains; (2) humanised antibodies (IV), including functional antibody fragments, contg. (I) and (II); (3) conjugates of (III) or (IV) with labels or effector mols.; (4) polynucleotides (V) coding for (I) or (II), esp. with nucleotide sequences given in the specification; (5) vectors contg. (V); and (6) host cells contg. (V) or the vectors.

Claimed method for producing (III) or (IV) comprises producing a (V) contg. operon in an expression vector, introducing the vector into a host cell, culturing the cell, and isolating the molecular construct.

USE - (IV) are humanised forms of the mouse monoclonal antibody BW 250/183 (EP 398914), which is directed against nonspecific crossreacting antigen NCA 95 and carcinoembryonic antigen (CEA). (III) and (IV), including their conjugates, may be used for diagnosis and/or therapy of **inflammations** and tumours that metastasise to **bone marrow**, esp. lymphomas and mammary, prostatic and small-cell lung carcinomas.

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(FILE 'HOME' ENTERED AT 07:08:26 ON 28 NOV 2006)  
SET COST OFF

FILE 'MEDLINE' ENTERED AT 07:08:36 ON 28 NOV 2006

		E BONE MARROW/CT
		E E3+ALL
L1	49463	S E4
		E BONE MARROW/CT
		E E6+ALL
L2	33603	S E6
L3	169	S ?BMDC?
L4	71593	S L1-L3
L5	5942	S BONE MARROW DERIV?
L6	7257	S BONE MARROW(2A)DERIV?
L7	75487	S L4-L6
L8	68119	S L7 AND PY<=2003
L9	639	S L8 AND ?MESENCHY?
L10	13461	S L8 AND STEM CELL
		E STEM CELL/CT
		E E73+ALL
L11	22508	S E3
L12	197552	S E3+NT
L13	14838	S L8 AND L11,L12
L14	17375	S L9,L10,L13
		E METAPLASIA/CT
		E E3+ALL
L15	25139	S E4+NT
		E E9+ALL

L16 1140 S E10  
 L17 103 S L14 AND L15,L16  
 L18 70 S L14 AND ?METAPLAS?  
 L19 120 S L17,L18  
 L20 64 S L19 AND C4./CT  
 E TUMOR CELLS/CT  
 E E4+ALL  
 L21 236624 S E4+NT  
 L22 8 S L19 AND L21  
 L23 64 S L20,L22  
 L24 15 S L23 NOT AB/FA  
 L25 2 S L24 AND DI/CT  
 L26 49 S L23 NOT L24  
 L27 4 S L26 AND DI/CT  
 L28 15 S L26 AND E1./CT  
 L29 16 S L27,L28  
 L30 3 S L29 AND (2003573885 OR 2001640123 OR 2001520594)/AN  
 L31 33 S L26 NOT L29  
 L32 4 S L31 AND (2003443799 OR 2003395720 OR 2002098106 OR 1999367340  
 L33 9 S L25,L30,L32  
 L34 802683 S (C4.(L)DI.)/CT  
 L35 12172 S L34 AND L8  
 L36 2496 S L35 AND L14  
 L37 46 S L35 AND L16  
 L38 1073 S L35 AND L21  
 L39 80 S L35 AND ?METAPLAS?  
 L40 3184 S L36-L39  
 L41 8988 S L35 NOT L40  
 L42 1264 S FLK 1 OR FETAL LIVER KINASE 1 OR FLK1  
 L43 638 S SCA 1  
 L44 6169 S THY 1  
 L45 2 S KRT1 19  
 L46 136 S TFF2 OR TFF 2  
 L47 12 S TREFOIL FACTOR FAMILY 2  
 L48 0 S CXL4 OR CXL 4  
 L49 0 S CX "L4"  
 L50 19 S CXL  
 L51 21 S L40 AND L42-L50  
 L52 15 S L41 AND L42-L50  
 L53 36 S L51,L52  
 L54 3 S L33 AND L42-L50  
 L55 9 S L33,L54  
 SEL AN 5-7 10 12 17 L53  
 L56 6 S L53 AND E1-E6  
 L57 14 S L55,L56 AND L1-L56  
 L58 14 S L57 AND (BONE MARROW OR ?METALPLAS? OR FETAL LIVER KINASE OR

FILE 'MEDLINE' ENTERED AT 07:55:56 ON 28 NOV 2006

FILE 'WPIX' ENTERED AT 07:56:10 ON 28 NOV 2006

L59 7585 S BONE MARROW  
 L60 7 S ?BMDC?  
 L61 80 S BONE MARROW(S)DC  
 L62 7588 S L59-L61  
 L63 249 S L62 AND G01N033-574/IPC,IC,ICM,ICS  
 L64 569 S L62 AND A61B/IPC,IC,ICM,ICS  
 L65 433 S L62 AND (B12-K04A1 OR C12-K04A1)/MC  
 L66 1014 S L63-L65 AND (PY<=2003 OR PRY<=2003 OR AY<=2003)  
 L67 191 S L66 AND D05-H11/MC  
 L68 76 S L66 AND D05-H11A?/MC

L69 136 S L66 AND (B11-C07A OR C11-C07A)/MC  
 L70 183 S L68,L69  
 L71 130 S L66 AND (STEM CELL OR (B04-F02B OR C04-F02B)/MC OR ?MESENCHY?  
 L72 30 S L70 AND L71  
 L73 9 S L66 AND ?METAPLAS?  
 L74 38 S L72,L73  
 L75 965 S L63-L66 AND (PD<=20030418 OR PRD<=20030418 OR AD<=20030418)  
 L76 37 S L74 AND L75  
 SEL DN AN L76 1 3-6 9-15 17-21 23 24 26 27 29-31 36 37  
 L77 11 S L76 NOT E7-E70  
 L78 12 S L75 AND (FLK1 OR FLK 1 OR FETAL LIVER KINASE OR SCA1 OR SCA 1  
 L79 2 S L78 AND L77  
 L80 10 S L78 NOT L79  
 L81 1 S L80 AND 2004-119701/AN  
 L82 12 S L77,L79,L81  
 L83 4 S L75 AND KERATIN 19  
 L84 3 S L83 NOT 2003-247902/AN  
 L85 14 S L82,L84  
 L86 14 S L85 AND L59-L85  
 L87 99 S L75 AND ?INFLAM?  
 L88 43 S L75 AND (B12-D07 OR C12-D07 OR B14-C03 OR C14-C03)/MC  
 L89 100 S L87,L88  
 L90 38 S L89 AND L63  
 L91 33 S L90 NOT L76-86  
 SEL DN AN 3 6 12 20 27 31 L91  
 L92 6 S L91 AND E71-E83  
 L93 20 S L86,L92  
 L94 61 S L89 NOT L90-L93  
 SEL DN AN 32-34 39 48 51 53  
 L95 7 S L94 AND E84-E101  
 L96 27 S L93,L95  
 L97 27 S L96 AND L59-L96

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